NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. 47541

CONSTRUCTION & ELECTRICAL WORK
PROVIDE SALT STORAGE BUILDING -
CLIFTON PARK & SARATOGA
VARIOUS DOT FACILITIES
CLIFTON PARK & SARATOGA, NY

May 16, 2025

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

CONTRACTING REQUIREMENTS - COMMON

1. DOCUMENT 007310 SUPPLEMENTARY CONITIONS – CONTRACTOR'S SUPERVISION: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 007310 – 1 thru 007310 – 2) noted "REVISED 5/16/2025".

CONSTRUCTION WORK SPECIFICATIONS

2. SECTION 320116 ASPHALT PAVING: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 320116 – 1 thru 320116 – 4) noted "Revised 5/15/2025".

3. SECTION 320117 PAVEMENT REPAIR AND RESURFACING: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 320117 – 1 thru 320117 – 4) noted "Revised 5/15/2025".

ELECTRICAL WORK SPECIFICATIONS

4. SECTION 320117 PAVEMENT REPAIR AND RESURFACING: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 320117 – 1 thru 320117 – 4) noted "Revised 5/15/2025".

CONSTRUCTION WORK DRAWINGS

5. Revised Drawings:
   a. Drawing No. A-201, noted "REVISED DRAWING 5/16/2025" accompanies this Addendum and supersede the same numbered originally issued drawing.

ELECTRICAL WORK DRAWINGS

6. Revised Drawing:
   a. Drawing No. E-500, noted "REVISED DRAWING 5/16/2025" accompanies this Addendum and supersedes the same numbered originally issued drawing.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

DOCUMENT 007310

SUPPLEMENTARY CONDITIONS - CONTRACTOR'S SUPERVISION

This supplement modifies the General Conditions. Where any part of the General Conditions is modified by this supplement, the unaltered provisions of that part shall remain in effect.

ARTICLE 6 - CONTRACTOR'S SUPERVISION

ARTICLE 6 Delete this Article in its entirety and replace with the following:

6.1 The Contractor shall designate in writing, competent supervision and/or management representatives as required below to represent the Contractor at all times with authority to act for the Contractor. All direction given to the Contractor's representatives shall be as binding as if given to the Contractor. A superintendent or project manager shall be classified as management representatives included in the Contractor's overhead and shall perform management, supervisory and/or administrative tasks (non labor) only. Individuals listed under this Article shall have the ability to effectively communicate (verbal and written) with all parties associated with the administration/supervision of this contract.

6.1.1 For contracts awarded up to $1,000,000 the Contractor shall provide a full-time Superintendent for the contract and one supervisor for each location, for the Contractor's staff. The Superintendent shall attend each site location a minimum of twice per week and attend all project meetings for all locations throughout the active performance of the Work until Substantial Completion. The supervisor of each location shall be in attendance at the Site throughout the active performance of the Work, including active performance of the Work by subcontractors.

6.1.2 For contracts awarded from $1,000,001 to $5,000,000, the Contractor shall provide a superintendent, for the Contractor's staff, who shall attend each site location a minimum of twice per week and attend all project meetings for all locations throughout the active performance of the Work until Substantial Completion. The Contractor shall also provide a supervisor for each location, for the Contractor's staff, who shall be in attendance at the Site throughout the active performance of the Work until Substantial Completion, including active performance of the Work by subcontractors. Upon Substantial Completion the Contractor shall provide a supervisor who shall be in attendance at each site location throughout the active performance of the Work until Physical Completion. The superintendent and supervisor's responsibilities include, but are not limited to, directing and scheduling the Work, attending all Project meetings, coordinating and controlling the Work of subcontractors, and ensuring full compliance with the Contract documents. The Contractor shall also provide a project manager for the Contractor's staff from award through Substantial Completion. The Project Manager's responsibilities shall include, but are not limited to, developing and maintaining the submittal system and project schedules, attending Project meetings, making purchasing and cost decisions on behalf of the Contractor, Orders on Contract responses and negotiations, and closeout and warranty documentation. The Contractor shall provide required information to the Director's Representative for the Project schedule.

6.1.3 For contracts awarded from $5,000,001 to $10,000,000, in addition to the requirements of Article 6.1.2, the contractor shall provide a Project Manager for the Contractor's staff that shall be in attendance at the site throughout the active performance of the Work until Substantial Completion.

6.1.4 For contracts awarded for more than $10,000,000, in addition to the requirements set forth in Article 6.1.3, if at any time the Contractor has more than five subcontractors performing Work on the Site simultaneously, the Contractor shall provide an additional Superintendent to coordinate the Work of the subcontractors.

6.2 Should the Director deem any employees of the Contractor not satisfactory or unfit for their duty, the Contractor shall dismiss them and they shall not again be employed on the Work.

6.2.1 Infractions that are dismissible for project managers, superintendents, or supervisors include, but are not limited to, the failure to develop and maintain Project schedules, failure to comply and enforce safety regulations, failure to schedule inspections or provide adequate notice as required by Contract Documents, failure to attend and adequately prepare for meetings as required by Contract Documents, and failure to follow directions regarding the Work provided by the Director's Representative.

6.3 The experience levels noted below in this Article will be used in evaluating the qualifications and experience of the supervisors, superintendents, and Project Managers, as applicable.

6.3.1 Supervisors, required by paragraph 6.1.1, shall have a minimum of five years of experience in the role of supervisor with a minimum of three projects of similar size and scope, and shall be subject to review and written approval by the Director's Representative before commencing the Work, and subsequently during the course of the Project if the supervisor is replaced after Work has commenced. The Contractor will provide references to validate qualifications of the proposed supervisor upon request.

6.3.2 Superintendents, required for any contracts awarded above $1,000,000 as set forth in Article 6.1.2, shall have a minimum of five years of experience in the role of Superintendent with a minimum of three projects of similar size and scope, and shall be subject to review and written approval by the Director's Representative before commencing the Work, and subsequently during the course of the Project if the Superintendent is replaced after Work has commenced. The Contractor will provide references to validate qualifications of the proposed Superintendent upon request.

6.3.3 The Project Manager, required for any contracts awarded above $1,000,000 as set forth in Article 6.1.2, shall have a minimum of five years of experience in the role of Project Manager with a minimum of three projects of similar size and scope, and shall be subject to review and written approval by the Director's Representative before commencing the Work, and subsequently during the course of the Project if the Project Manager is replaced after Work has commenced. The Contractor will provide references to validate qualifications of the proposed Project Manager upon request.

6.4 No subcontractor shall be allowed at the Work Site before approval by the Director and the Contracting Officer. Before any part of the Contract shall be sublet or material purchased, the Contractor shall submit to the Director in writing the name of each proposed subcontractor and supplier and obtain the Director's written consent to such subcontractor and supplier. The names shall be submitted in ample time to permit acceptance or rejection of each proposed subcontractor and supplier by the Director or Contracting Officer without causing delay in the Work of the Project. The Contractor shall promptly furnish such information as the Director or Contracting Officer may require concerning the proposed subcontractor's and supplier's ability and qualifications, and certification status as a Minority- and Women-Owned Business Enterprises and/or Service-Disabled Veteran-Owned Business. For each proposed subcontractor, the Contractor shall also provide the New York State Department of Labor registration number in accordance with NYS Labor Law Section 220-i. Each request for approval of a subcontractor whose subcontract will be valued at $10,000 or more shall also be accompanied by a NYS Vendor Responsibility Questionnaire - For-Profit Construction properly completed and executed by the proposed subcontractor.

6.5 The Contractor's use of subcontractors shall not diminish the Contractor's obligations to complete the Work in accordance with the Contract. The Contractor shall control and coordinate the Work of its subcontractors.

6.6 The Contractor shall be responsible for informing its subcontractors and suppliers of all the terms, conditions and requirements of the Contract Documents including, but not limited to, the General Conditions, Supplementary Conditions, the Drawings and Specifications, Appendix A, and changes made by Addenda and Orders on Contract.

END OF DOCUMENT

SECTION 320117

PAVEMENT REPAIR AND RESURFACING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. This specification is applicable to pavement milling and overlay either with or without the use of a paving fabric saturated with asphalt cement between pavement layers.

B. The function of the paving fabric is to act as a waterproofing and stress relieving membrane within the pavement structure.

1.02 REFERENCES

A. American Association of State Highway and Transportation Officials (AASHTO) "Standard Specification for Geotextile Specification for Highway Applications" Designation M 288-05.

B. American Society for Testing and Materials (ASTM):
1. D 276 - Method for Identification of Fibers in Textiles (Melting Point).
2. D 4354 - Practice for Sampling of Geosynthetics for Testing.
3. D 4355 - Test Method for Deterioration of Geotextiles from Exposure to Ultraviolet Light and Water (Xenon-Arc Type Apparatus).
4. D 4439 - Terminology for Geotextiles.
5. D 4533 - Test Method for Index Trapezoid Tearing Strength of Geotextiles.
6. D 4632 - Test Method for Grab Breaking Load and Elongation of Geotextiles.
7. D 4759 - Practice for Determining the Specification Conformance of Geosynthetics.
8. D 4873 - Guide for Identification, Storage, and Handling of Geotextiles.
9. D 5199 - Test Method for Measuring Nominal Thickness of Geotextiles and Geomembranes.
10. D 5261 - Test Method for Measuring Mass per Unit Area of Geotextiles.

C. Geosynthetic Accreditation Institute - Laboratory Accreditation Program (GAI-LAP).

1.03 DEFINITIONS

A. Maximum Average Roll Value (MaxARV): Property value calculated as typical plus two standard deviations. Statistically, it yields a 97.7 percent degree of confidence that any sample taken during quality assurance testing will be below the value reported.

B. Minimum Average Roll Value (MARV): Property value calculated as typical minus two standard deviations. Statistically, it yields a 97.7 percent degree of

confidence that any sample taken during quality assurance testing will exceed value reported.

C. Typical Roll Value: Property value calculated from average or mean obtained from test data.

1.04 SUBMITTALS

A. Product Data: Manufacturer's name and brand name for the following:
   1. Asphalt filler:
      a. Provider or Plant.
      b. Composition.
   2. Asphalt emulsion:
      a. Provider or Plant.
      b. Composition.
   3. Geotextile:
      a. Manufacturer.
      b. Product Name.
      c. Style.
      d. Chemical Composition of the filaments or yarn in the Geotextile
   4. Asphalt Courses:
      a. Submit Asphalt Concrete Paving Top Course.
      b. Submit Asphalt Concrete Binder Course.
      c. Submit Asphalt Concrete Base Course.

B. Submit an Environmental Product Declaration (EPD) from the manufacturer for asphalt this specification section, if available. A statement of the contractor's good faith effort to obtain the EPD shall be provided if not available.
   1. Manufacturer-provided EPDs must be Product Specific Type III (Third-Party Reviewed), in adherence with ISO 14025 *Environmental labels and declarations*, ISO 14044 *Environmental management – Life cycle assessment*, and ISO 21930 *Core rules for environmental product declarations of construction products and services.*

C. Quality Control Submittals:
   1. Asphalt Filler & Emulsion: Plant name and location of asphalt concrete supplier.
   2. Geotextile: Certification from Manufacturer that material meets MARV requirements and specifications.

1.05 QUALITY ASSURANCE

A. Asphalt Filler & Emulsion: Comply with the applicable requirements of DOT Section 400-Bituminous Pavements.

B. Geotextile:
   1. Manufacturing Quality Control (MQC) test results shall be provided upon request.
   2. Geotextiles shall be subject to sampling and testing to verify conformance with this specification. Sampling for testing shall be in accordance with ASTM D 4354.

3. Acceptance shall be in accordance with ASTM D 4759 based on testing of either conformance samples obtained using Procedure A of ASTM D 4354, or based on manufacturer's certifications and testing of quality control samples obtained using Procedure B of ASTM D 4354.

PART 2 PRODUCTS

2.01 MATERIALS

A. Asphalt Filler: DOT Table 702-2 Asphalt Cements, Material Designation 702-0700.

B. Asphalt Emulsion Tack Coat: DOT Section 702, Table 702-9, Material Designation 702-90.

C. Supply approved asphalt mixtures that meet the requirements of NYS DOT MM 5.16 *Superpave Hot Mix Asphalt Mixture Design and Mixture Verification Procedures*. Each mixture must be obtained from a single plant for the duration of the project. The following NYS DOT items only shall be utilized for this project:
   1. 9 Top Course Asphalt.
   2. 19.5 Binder Course Asphalt.
   3. 37.5 Base Course asphalt.

D. Reclaimed Asphalt Pavement (RAP) shall meet the requirements of NYS DOT MM 5.16.

E. Geotextile For Control Joint or Crack Bridging: Mirafi MTK Paving Fabric by TenCate Geosynthetics North America, Pendergrass, Georgia, 30567, USA, (800) 685-9990

PART 3 EXECUTION

3.01 PREPARATION

A. Conditioning of Existing Pavement: Comply with DOT Section 633.

B. Applying Asphalt Emulsion Tack Coat: Comply with DOT Section 407-3.

C. Cold Milling: Comply with DOT Section 490.

D. Geotextile: Comply with Manufacturers Installation Instructions and Requirements.

3.02 RESURFACING WITH ASPHALT CONCRETE

A. Lay asphalt concrete top course in accordance with Section 321216.

END OF SECTION

SECTION 320117

PAVEMENT REPAIR AND RESURFACING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. This specification is applicable to pavement milling and overlay either with or without the use of a paving fabric saturated with asphalt cement between pavement layers.

B. The function of the paving fabric is to act as a waterproofing and stress relieving membrane within the pavement structure.

1.02 REFERENCES

A. American Association of State Highway and Transportation Officials (AASHTO) "Standard Specification for Geotextile Specification for Highway Applications" Designation M 288.

B. American Society for Testing and Materials (ASTM):
1. D 4354 - Practice for Sampling of Geosynthetics Rolled Erosion Control Products's for Testing.
2. D 4355 - Test Method for Deterioration of Geotextiles from Exposure to Ultraviolet Light and Water (Xenon-Arc Type Apparatus).
3. D 4439 - Terminology for Geotextiles.
4. D 4533 - Test Method for Index Trapezoid Tearing Strength of Geotextiles.
5. D 4632 - Test Method for Grab Breaking Load and Elongation of Geotextiles.
6. D 4759 - Practice for Determining the Specification Conformance of Geosynthetics.
7. D 4873 - Guide for Identification, Storage, and Handling of Geotextiles.
8. D 5199 - Test Method for Measuring Nominal Thickness of Geotextiles and Geomembranes.
9. D 5261 - Test Method for Measuring Mass per Unit Area of Geotextiles.

C. Geosynthetic Accreditation Institute - Laboratory Accreditation Program (GAI-LAP).

1.03 DEFINITIONS

A. Maximum Average Roll Value (MaxARV): Property value calculated as typical plus two standard deviations. Statistically, it yields a 97.7 percent degree of confidence that any sample taken during quality assurance testing will be below the value reported.

B. Minimum Average Roll Value (MARV): Property value calculated as typical minus two standard deviations. Statistically, it yields a 97.7 percent degree of

confidence that any sample taken during quality assurance testing will exceed value reported.

C. Typical Roll Value: Property value calculated from average or mean obtained from test data.

1.04 SUBMITTALS

A. Product Data: Manufacturer's name and brand name for the following:
   1. Asphalt filler:
      a. Provider or Plant.
      b. Composition.
   2. Asphalt emulsion:
      a. Provider or Plant.
      b. Composition.
   3. Geotextile:
      a. Manufacturer.
      b. Product Name.
      c. Style.
      d. Chemical Composition of the filaments or yarn in the Geotextile
   4. Asphalt Top Course:
      a. Product Data:
         1. Paving Synthetics: including Manufacturer's name, specifications, MSDS as required and installation instructions (including adhesion type and rate) for each item specified.
         2. Asphaltic Pavement: Include mix design from NYSDOT approved Batch Plant, Mix Design Test results that are less than 6 months old

      b. Batch plant name, NYSDOT Plant Number, and location of asphalt plant.

      c. Pavement Quality Control Submittals: Material Delivery Tickets
         1. At the time of delivery, a copy of the delivery ticket must be presented to the Director's Representative with the following minimum information:
            a. Ticket Number.
            b. Plant Identification.
            c. Project Name.
            d. Mix Type.
            e. Quantity of material in vehicle.
            f. Date and Time.

B. Submit an Environmental Product Declaration (EPD) from the manufacturer for asphalt this specification section, if available. A statement of the contractor's good faith effort to obtain the EPD shall be provided if not available.
   1. Manufacturer-provided EPDs must be Product Specific Type III (Third-Party Reviewed), in adherence with ISO 14025 *Environmental labels and declarations*, ISO 14044 *Environmental management – Life cycle assessment*, and ISO 21930 *Core rules for environmental product declarations of construction products and services.*

C. Quality Control Submittals:
   1. Asphalt Filler & Emulsion: Plant name and location of asphalt concrete supplier.
   2. Geotextile: Certification from Manufacturer that material meets MARV requirements and specifications.

1.06 QUALITY ASSURANCE

A. Asphalt Filler & Emulsion: Comply with the applicable requirements of DOT Section 400-Bituminous Pavements.

B. Geotextile:
   1. Manufacturing Quality Control (MQC) test results shall be provided upon request.
   2. Geotextiles shall be subject to sampling and testing to verify conformance with this specification. Sampling for testing shall be in accordance with ASTM D 4354.
   3. Acceptance shall be in accordance with ASTM D 4759 based on testing of either conformance samples obtained using Procedure A of ASTM D 4354, or based on manufacturer's certifications and testing of quality control samples obtained using Procedure B of ASTM D 4354.

C. Sewn Seams (if required):
   1. For seams that are to be sewn in the field, provide at least a 2 meter (6 ft) length of sewn seam for sampling by the Director's Representative before the geotextile is installed.
   2. For seams that are sewn in the factory, the Director's Representative shall obtain samples of the factory seams at random from and roll of geotextile that is to be used on the project.
   3. If seams are to be sewn in both directions, samples of seams from both directions shall be provided.
   4. For seams that are field sewn, the seams sewn for sampling shall be sewn using the same equipment and procedures as will be used for the production seams.
   5. Do not expose geotextiles to elements over 14 days between installation and placement of cover.

PART 2 PRODUCTS

2.01 MATERIALS

A. Asphalt Filler: DOT Table 702-2 Asphalt Cements, Material Designation 702-0700.

B. Asphalt Emulsion Tack Coat: DOT Section 702, Table 702-9, Material Designation 702-90.

C. Asphalt Concrete Top Course: As specified in Section 321216.

D. Reclaimed Asphalt Pavement (RAP) shall meet the requirements of NYS DOT MM 5.16.

E. Geotextile For Control Joint or Crack Bridging: Mirafi MTK Paving Fabric by TenCate Geosynthetics North America, Pendergrass, Georgia, 30567, USA, (800) 685-9990

PART 3 EXECUTION

3.01 PREPARATION

A. Conditioning of Existing Pavement: Comply with DOT Section 633.

B. Applying Asphalt Emulsion Tack Coat: Comply with DOT Section 407-3.

C. Cold Milling: Comply with DOT Section 490.

D. Geotextile: Comply with Manufacturers Installation Instructions and Requirements.

3.02 RESURFACING WITH ASPHALT CONCRETE

A. Lay asphalt concrete top course in accordance with Section 321216.

END OF SECTION

SECTION 321216

ASPHALT PAVING

PART 1 GENERAL

1.01 REFERENCES

A. New York State Department of Transportation (DOT) Specification section 400 dated January 1, 2023.

B. AASHTO: M-288-17 Section A6, Paving Fabric.

1.02 RELATED WORK SPECIFIED ELSEWHERE

A. Earthwork: Section 310000.

B. Pavement Repair and Resurfacing: Section 320117.

1.03 SUBMITTALS

A. Product Data:
   1. A.Paving Synthetics: including Manufacturer's name, specifications, MSDS as required and installation instructions (including adhesion type and rate) for each item specified.
   2. Asphaltic Pavement: Include mix design from NYSDOT approved Batch Plant, Mix Design Test results that are less than 6 months old

B. Submit an Environmental Product Declaration (EPD) from the manufacturer for asphalt this specification section, if available. A statement of the contractor's good faith effort to obtain the EPD shall be provided if not available.
   1. Manufacturer-provided EPDs must be Product Specific Type III (Third-Party Reviewed), in adherence with ISO 14025 *Environmental labels and declarations*, ISO 14044 *Environmental management – Life cycle assessment*, and ISO 21930 *Core rules for environmental product declarations of construction products and services.*

C. Batch plant name, NYSDOT Plant Number, and location of asphalt plant.

D. Pavement Quality Control Submittals: Material Delivery Tickets
   1. At the time of delivery, a copy of the delivery ticket must be presented to the Director's Representative with the following minimum information:
      a. Ticket Number.
      b. Plant Identification.
      c. Project Name.
      d. Mix Type.
      e. Quantity of material in vehicle.
      f. Date and Time.

1.04 PROJECT CONDITIONS

A. Environmental Requirements:
   1. Discontinue paving when surface temperatures fall below requirements listed in DOT Table 404-1 unless otherwise specified in the General Conditions of this Contract or as directed by the Director's Representative.
   2. Do not place asphalt concrete on wet surfaces, or when weather conditions otherwise prevent the proper handling or finishing of bituminous mixtures as determined by the Director's Representative.
   3. Pavement is restricted by dates listed in the General Conditions or by temperatures.

PART 2 PRODUCTS

2.01 MATERIALS

A. All aggregate used in design mixes shall be as specified in DOT Specification Section 401-2.02 B.; Coarse Aggregate Type F2 Conditions.

B. Asphalt: Use aggregate and PG binder from suppliers listed in the NYS DOT's Approved List for Fine and Coarse Aggregates and Performance Graded (PG) Binders for Warm Mix Asphalt (WMA) Technology for paving respectively. Use of mineral filler or any other materials for the production of asphalt will be accepted in accordance with the State's written instructions.

C. Supply approved asphalt mixtures that meet the requirements of NYS DOT MM 5.16 *Superpave Hot Mix Asphalt Mixture Design and Mixture Verification Procedures*. Each mixture must be obtained from a single plant for the duration of the project. The following NYS DOT items only shall be utilized for this project:
   1. 9 Top Course Asphalt (Large Parking Lots & Access Roads).
   2. 19.5 Binder Course Asphalt.
   3. 37.5 Base Course asphalt.
   4. Trueing & Leveling Course: DOT Table 401-1 *Composition of Asphalt Mixtures*, Type 5 (Shim).

D. Reclaimed Asphalt Pavement (RAP) shall meet the requirements of NYS DOT MM 5.16.

E. Asphalt Cement Tack Coat.

PART 3 EXECUTION

3.01 PRE-CONSTRUCTION MEETING

A. The Director's Representative will conduct a Pre-Paving meeting prior to any Asphalt placement. The attendance at this meeting will include Contractor's Paving Superintendent, Chief Inspector or Paving Inspector(s), Asphalt plant representative, density gauge operator, depending on the compaction method used, and work zone traffic control (WZTC) competent person (if applicable).

The contractor's Paving Superintendent must be prepared to discuss the operation necessary to complete the work successfully. Participants will review all aspects of the project requirements including, but not limited to, the following:

1. Asphalt delivery temperature.
2. Equipment and setup.
3. Mix codes to ensure the correct mix is delivered.
4. Frequency of testing.
5. Density Gauge operator certification.
6. Proper construction practice to provide quality product.
7. Work zone traffic control activities necessary.

3.02 PAVING SYNTHETICS

A. Apply asphalt cement tack coat at the recommended rate to saturate the fabric have a minimum of 0.05 gal/SY additional to bond with existing asphalt surface. If an emulsion is used follow the manufacturer's minimum requirements.

B. Apply paving synthetic to the indicated surface in accordance with manufacturer's instructions.

3.03 ASPHALT PAVING PLACEMENT & COMPACTION

A. Prepare existing surfaces in accordance with DOT Section 404-3.05, *Conditioning of Existing Surface*.

B. Apply Tack Coat in accordance with DOT Section 407-3.02, *Application of Tack Coat*, specifically Table 407-1 – Tack Coat Application Rates. The rates listed are recommended application rates for tack coat on various surfaces and may be modified by the Director's Representative.

C. Spread and Finish asphalt in accordance with DOT Section 404-3.06, *Spreading and Finishing*.

D. Provide compaction of asphalt in accordance with DOT Section 404-3.07, *Compaction*.

1. Paragraph D. 80 Series Compaction Methods, specifically meeting the minimum requirements as shown in Table 404-3 Number of Passes. The Director's Representative may increase or decrease the number of passes to obtain adequate density of the compacted HMA.
2. The Director's Representative may also approve alternate compaction procedures where the specified procedures are not applicable.
3. Testing to be performed at the direction of and in locations chosen by the Director's Representative. Target compaction is 95% (92% - 97% range is acceptable).

E. Asphalt joints shall be in accordance with DOT Section 404-3.09, *Joints*.

F. Construct each pavement course to a ¼" surface tolerance. The Director's Representative may test the surface with a 16-foot straight edge or string line placed parallel to the centerline of the pavement and with a 10-foot straight edge or string line placed transversely to the centerline of the pavement on any portion

of the pavement. Variations exceeding ¼ inch will be appropriately corrected or the pavement be removed and replaced at no additional cost to the State.

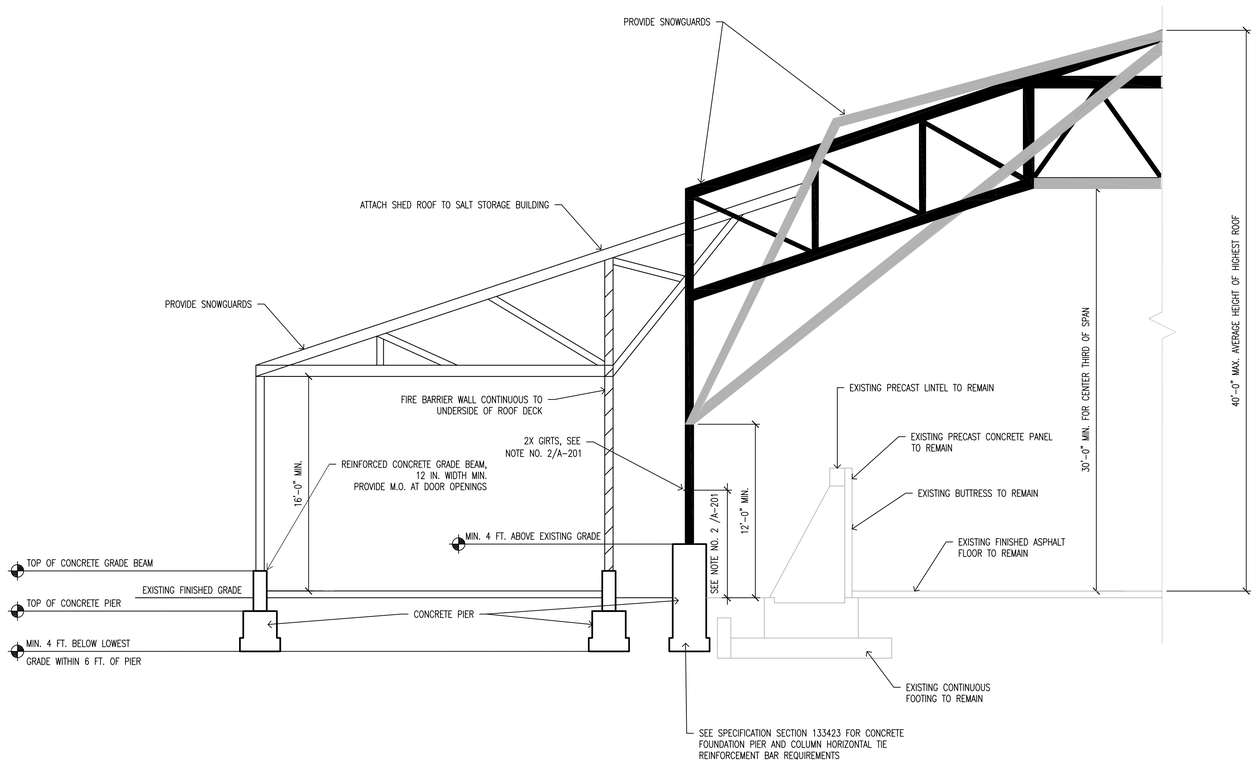
G. The allowable thickness tolerance of all asphalt mixtures shall be:
   1. 1/4 inch or less when the total nominal thickness indicated on the plans is 4 inches or less.
   2. 1/2 inch or less when the total nominal thickness is over 4 inches but not more than 8 inches.
   3. When the asphalt mixture is placed on newly constructed subbase material, an additional tolerance of 1/4 inch will be allowed both in the nominal thickness of the course placed directly on the subbase and the total pavement thickness.

H. Remove and restore paved areas that are defective or contaminated as delineated by the Director's Representative at no additional cost to the State.

I. Do not clean tools and equipment used for asphalt placement on the pavement surface, or near streams, ponds, drainage structures or other areas that are tributaries to waterways. Use an area approved by the Director's Representative for cleaning all paving equipment and tools.

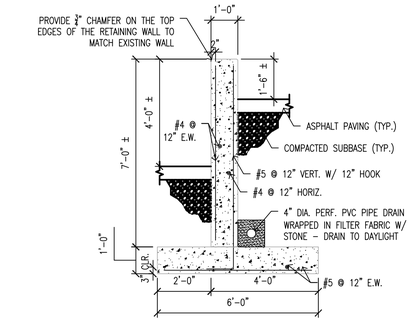
J. Once pavement cures for a minimum of 24 hours, apply pavement markings with mechanical equipment to a minimum wet film thickness of 15 mils (0.4 mm), or as specified by the Manufacturer if greater.

END OF SECTION



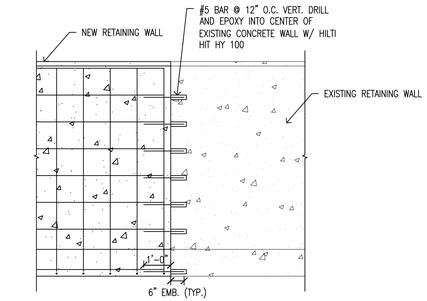
1 WALL SECTION A–A –
SCALE 1/4" =1'-0"

PRE–ENGINEERED WOOD STRUCTURE AND FOUNDATION TO BE DESIGNED BY A NEW YORK STATE LICENSED ENGINEER USING PARAMETERS PROVIDED. STRUCTURE DETAIL IS CONCEPTUAL

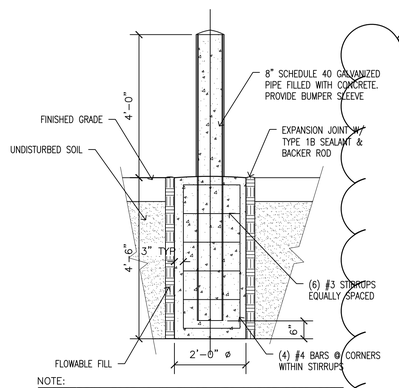


5 RETAINING WALL SECTION
SCALE 3/8" =1'-0"

NOTES:
1. NEW CONCRETE TO BE AT LEAST 4000 PSI
2. ALL REBAR TO BE 60000 PSI GALVANIZED

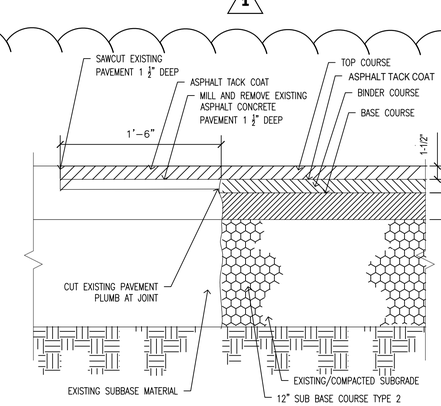


6 DOWEL CROSS SECTION
SCALE 3/8" =1'-0"



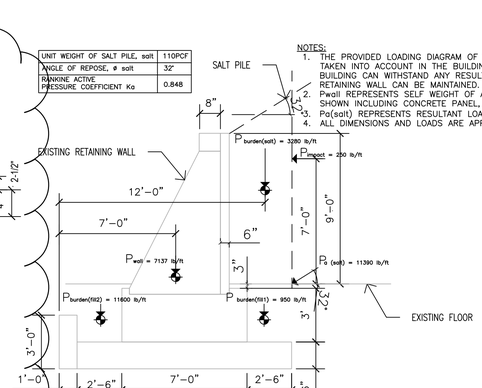
NOTE:
AUGER/DRILL FOOTING IN–PLACE INTO UNDISTURBED SOIL

2 BOLLARD DETAIL
Scale: 1/2" = 1'-0"



3 ASPHALT PATCH DETAIL
Scale: 1 ½" = 1'-0"

UNIT WEIGHT OF SALT PILE, salt	110PCF
ANGLE OF REPOSE, ø salt	32°
RANKINE ACTIVE PRESSURE COEFFICIENT Ka	0.848



4 EXISTING SALT RETAINING WALL LOADING DIAGRAM
No Scale

NOTES:
1. THE PROVIDED LOADING DIAGRAM OF THE EXISTING SALT RETAINING WALL SHALL BE TAKEN INTO ACCOUNT IN THE BUILDING DESIGN AND CALCULATIONS TO ENSURE THE BUILDING CAN WITHSTAND ANY RESULTING LOADS AND STABILITY OF THE EXISTING SALT RETAINING WALL CAN BE MAINTAINED.
2. Pwall REPRESENTS SELF WEIGHT OF ALL ELEMENTS OF THE EXISTING RETAINING WALL SHOWN INCLUDING CONCRETE PANEL, TOP LINTEL, BUTTRESS AND FOOTING.
3. Ps(salt) REPRESENTS RESULTANT LOAD FROM RETAINED SALT AND FILL.
4. ALL DIMENSIONS AND LOADS ARE APPROXIMATE AND MAY VARY WITH FIELD CONDITIONS.

NOTES:
1. WHERE EXISTING ASPHALT IS REMOVED AROUND FOUNDATION SYSTEM AND AT BOLLARDS PATCH EXISTING ASPHALT IN ITS ENTIRETY, MATCH EXISTING THICKNESS. (3" BASE COURSE, 1 ½" BINDER COURSE AND 1 ½" TOP COURSE)
2. BOTTOM OF EXTERIOR WALL GIRTS AND FINISH CONSTRUCTION TO BE 8'–0" ABOVE TOP OF FINISHED GRADE UNLESS OTHERWISE NOTED.
3. GRADE PLANE. A REFERENCE PLANE REPRESENTING THE AVERAGE OF FINISHED GROUND LEVEL ADJOINING THE BUILDING AT EXTERIOR WALLS. WHERE THE FINISHED GROUND LEVEL SLOPES AWAY FROM THE EXTERIOR WALLS, THE REFERENCE PLANE SHALL BE ESTABLISHED BY THE LOWEST POINTS WITHIN THE AREA BETWEEN THE BUILDING AND THE LOT LINE OR, WHERE THE LOT LINE IS MORE THAN 6 FEET FROM THE BUILDING, BETWEEN THE BUILDING AND A POINT 6 FEET FROM THE BUILDING.

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION #:

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

REGISTERED ARCHITECT CHARLES WILLIAM ROST 026613 STATE OF NEW YORK

REGISTRATION EXPIRES: 10/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
PROVIDE SALT STORAGE BUILDINGS – CLIFTON PARK & SARATOGA

LOCATION:
VARIOUS DOT FACILITIES

CLIENT:
DEPARTMENT OF TRANSPORTATION

REVISED DRAWING

1	5/16/202	ADDENDUM
	12/18/2024	BID DOCUMENTS
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	47541 – C
DESIGNED BY:	MM
DRAWN BY:	MC
FIELD CHECK:	
APPROVED:	

DRAWING TITLE:
CLIFTON PARK & SARATOGA SECTIONS & DETAILS

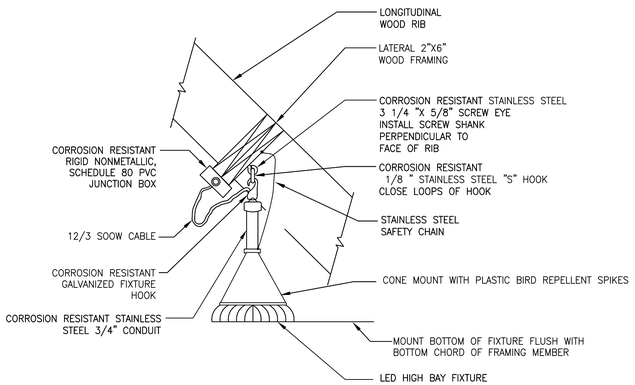
DRAWING NUMBER:
A–201

DRAWING 5 OF 21

36x24 PLOT SHEET

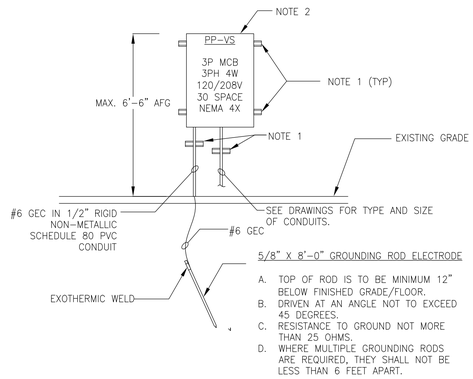
36x24 PLOT SHEET

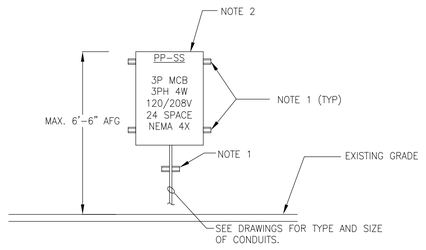
Mar. 21,2025 – 11:36am
V:\Design&Const\P475xx\47541\30_DesignPhase\35_CAD\CadArch\A–201.dwg

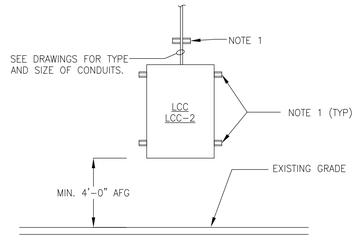


LED–1 LIGHTING FIXTURE MOUNTING DETAIL

NOT TO SCALE







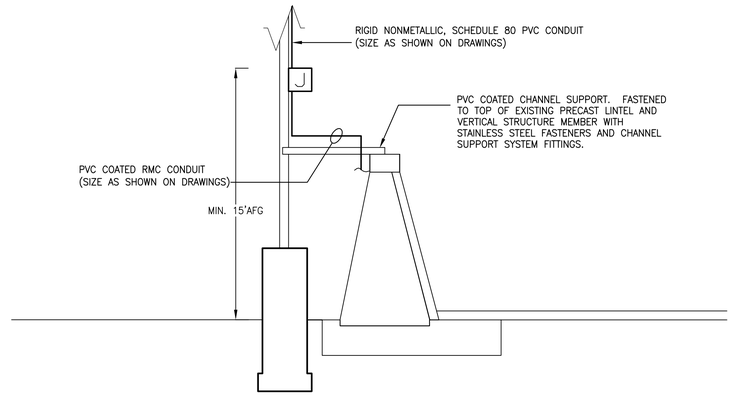
SPECIFIC NOTES:

(THIS DRAWING ONLY)

1. PROVIDE CORROSION RESISTANT PVC COATED CHANNEL SUPPORT SYSTEM AS REQUIRED TO MOUNT EQUIPMENT. FASTEN EQUIPMENT TO SUPPORT SYSTEM AND ANCHOR SUPPORT SYSTEM SECURELY WITH STAINLESS STEEL FASTENERS.
2. SEE PANELBOARD SCHEDULES ON THIS DRAWING E–502.

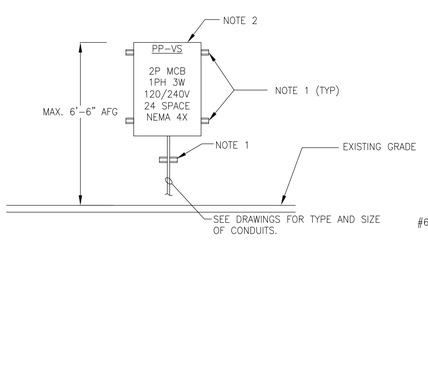
PANELBOARD 'PP–SS' / 'PP–VS' / 'LCC' / 'LCC–2' MOUNTING DETAIL – SARATOGA DOT

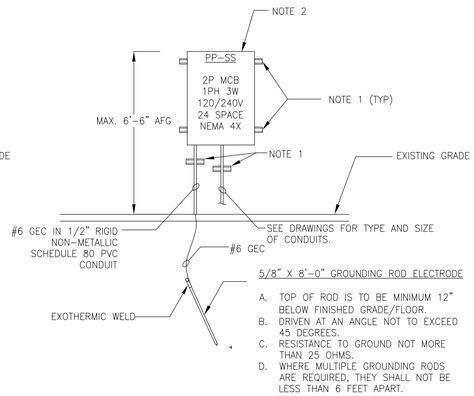
NOT TO SCALE

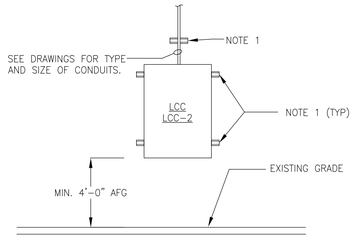


CONDUIT HORIZONTAL SPAN MOUNTING DETAIL

NOT TO SCALE

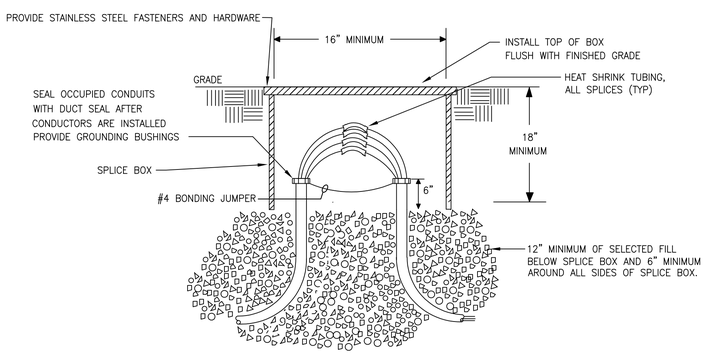






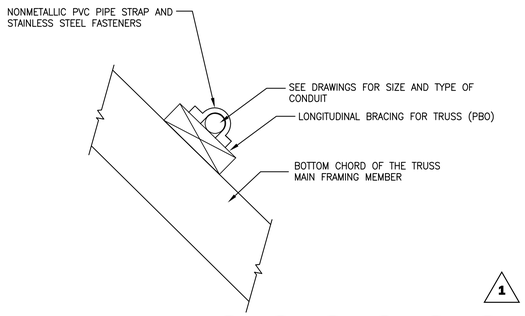
PANELBOARD 'PP–SS' / 'PP–VS' / 'LCC' / 'LCC–2' MOUNTING DETAIL – CLIFTON PARK DOT

NOT TO SCALE



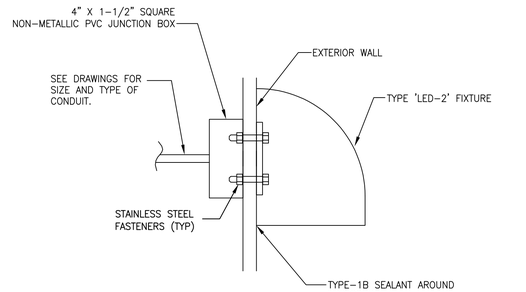
TRAFFIC RATED SPLICE BOX DETAIL

NOT TO SCALE



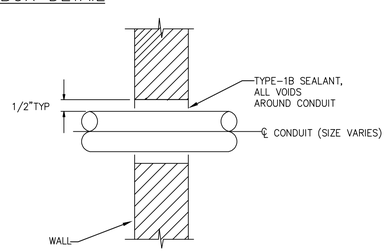
INTERIOR CONDUIT MOUNTING DETAIL

NOT TO SCALE



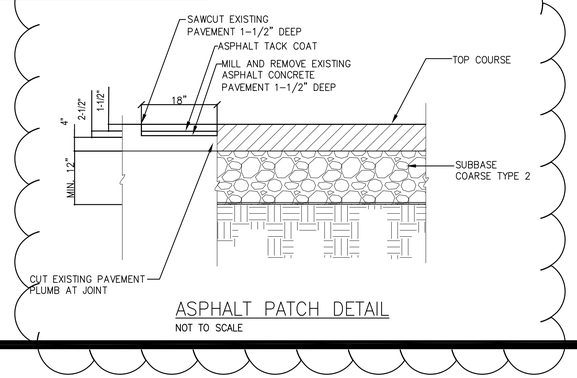
EXTERIOR LIGHTING WALL MOUNTING DETAIL – LED–2

NOT TO SCALE



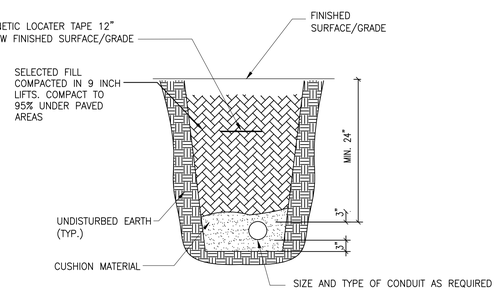
WALL PENETRATION DETAIL

NOT TO SCALE



ASPHALT PATCH DETAIL

NOT TO SCALE



UNDERGROUND CONDUIT AND TRENCHING DETAIL

NOT TO SCALE

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

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STATE OF NEW YORK · NATHANIEL MASON BRADLEY · 083995 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 11/30/2026

CONTRACT:

ELECTRICAL

TITLE:

PROVIDE SALT STORAGE BUILDINGS – CLIFTON PARK & SARATOGA

LOCATION:

VARIOUS DOT FACILITIES

CLIENT:

DEPARTMENT OF TRANSPORTATION

REVISED DRAWING

MARK	DATE	DESCRIPTION
1	5/16/202	ADDENDUM
	12/18/2024	BID DOCUMENTS

PROJECT NUMBER:	47541 – E
DESIGNED BY:	G. BRADLEY
DRAWN BY:	G. BRADLEY
FIELD CHECK:	
APPROVED:	

DRAWING TITLE:

DETAILS

DRAWING NUMBER:

E–500

DRAWING 17 OF 21

Mon, 24,2025 - 10:43am
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36x24 PLOT SHEET